PP02 Advanced Media Player

User's Manual

- Use powerful decode chip, support VGA(480P) and CVBS(480P) output, and support super VGA(720P) (optional)output and YPbPr(720P) output(optional).
- With wide voltage (6V-18V）input power supply.
- USB2.0 port, support USB update function.
- Support hot plug of CF, SD and USB.
- Support screen rotation, can be displayed in portrait mode.
- Photos slide show, and with background music, with 14 transition modes, the interval time can be changed to 3 sec, 5 sec, 10 sec, 15 sec, 20 sec and 25 sec.
- Support MP4(AVI: DIVX/XVID), MPEG2(DVD: VOB/MPG2), MPEG1(VCD: DAT/MPG1), MP3、and JPG formats.
- Support on/off timer, can setup 6 timers every day. With clock display and calendar functions.
- Support time volume, can be setup 6 set of time volume every day.
- Interruption memory function and advertisement insertion function.
- Support scrolling subtitle, and can be setup to match screen rotation.
- Can create playing record file automatically.
- With brand show.
- Can setup CF card key, can be locked by IR.

● MENU AND SETUP:

1. Function table and Factory settings:

Below is function table, follow 1.6 operation can return to factory settings.

Remark: Factory settings are default initial value, careful with this command!

No.	MENU	FACTORY SETTINGS	OPTIONS
1	**GENERAL SETUP**		
1.1	OSD LANG	ENGLISH	ENGLISH/CHINESE
1.2	USB MODE	AUTO	AUTO/HOST/SLAVE
1.4	AUTO PLAY	ON	ON/OFF
1.5	REPEAT MODE	FOLDER	ONE/FOLDER/ALL
1.6	DEFAULT	RESET	
2	**VIDEO SETUP**		
2.1	VIDEO DISPLAY	VGA+CVBS	VGA+CVBS/SVGA(720P)/YPbPr(720P)
2.2	TV DISPLAY	NOMAL/PS	NOMAL/PS, NORMAL/LD、WIDE/HDTV
2.3	TV SETUP	NTSC	AUTO/NTSC/PAL
2.4	MSLIDE SHOW	OFF	ON/OFF
2.5	TRANSITION	RANDOM	FULL SCR. … RANDOM(14 transition modes)
2.6	INT. TIME	10 S	3 S/5 S/10 S/15 S/20 S/30 S
3	**TIME SETUP**		
3.1	TIME DISPLAY	ON	ON/OFF
3.2	CLOCK SET	CLOCK/TIMER	(Can setup 6 timers maximum every day)
3.3	TIME VOL	TIME VOL	(Can setup 6 time volume maximum every day)
4	**ROLL SETUP**		
4.1	ON/OFF	ON	ON/OFF
4.2	SPEED	NORMAL	SLOW/NORMAL/FAST
4.3	FONT SIZE	SMALL	SAMLL/MEDIUM/BIG
4.4	BACK COLOR	TRANS	TRANS/GREY/YELLOW/RED/BLACK/WHITE
4.5	FRONT COLOR	WHITE	BLUE/YELLOW/RED/BLACK/WHITE
5	**CUSTOM SETUP**		
5.1	RESUME PLAY	OFF	ON/OFF
5.2	FREQUENCY	30 S	10 S/20 S/30 S/40 S
5.3	PLAY TIME	10 MINUTES	5 MINUTES/10 MINUTES /15 MINUTES /20 MINUTES
5.4	SCR ROTATE	HORI	HORI/ROT +90/ROT -90
5.5	RECORD FILE	OFF	ON/OFF
5.6	BRAND SHOW	OFF	ON/OFF
5.7	BRAND POS	TOP LEFT	TOP LEFT/TOP RIGHT
5.8	CF KEY	OFF	ON/OFF
5.9	REMOTE LOCK	OFF	ON/OFF
6.0	SET REMOTE KEY	CHANGE REMOTE KEY	

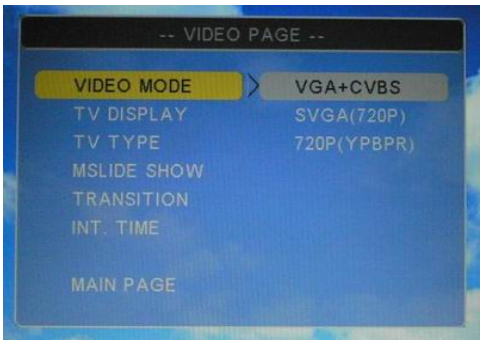
2. MENU and operations:

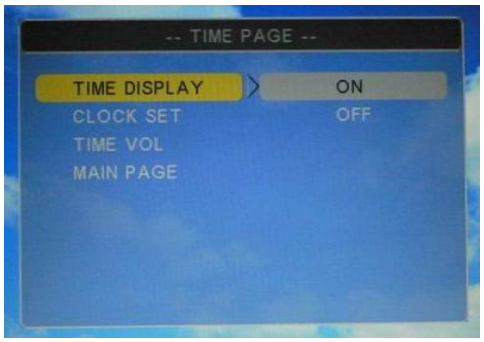
2.1 SETUP MENU

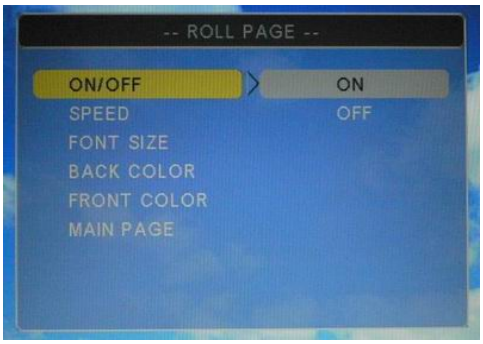
Push SETUP button of remote control to access MAIN PAGE.

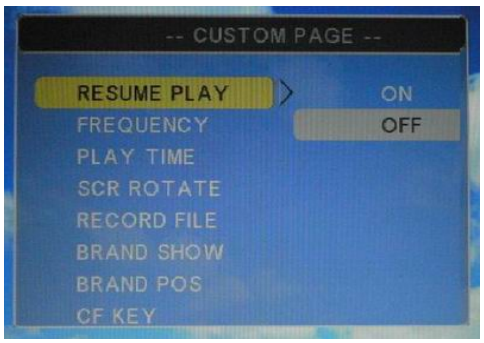
2.2 Submenu

There are 5 submenus in MAIN PAGE, GENERAL SETUP, VIDEO SETUP, TIME SETUP, ROLL SETUP and CUSTOM SETUP. Push ↑, ↓, ←, → and ENTER button to choose and access submenu.









2.3 Optional settings

If you want to change default settings of submenu, push ↑, ↓, ←, → and ENTER button to choose

submenu item. There is individual setup interface on CLOCK SET and TIME VOL. Push Setup button of remote control to exit menu after setup.

3. Setup of main functions

3.1 VIDEO MODE

There are VGA+CVBS, SVGA(720P) and YPbPr(720P) video outputs in this VIDEO MODE. Push Video button of remote control to switch video output.

Remark: User should select correct video output to match input of LCD controller board. If the video put is not correct, push Video button of remote control to switch other video outputs.

3.2 TV DISPLAY

The only setting is NTSC in VGA, SVGA or YPbPr outputs, because frequency will be out of range in other TV system. There are NTSC, PAL or AUTO in CVBS connection.

3.3 MSLIDE SHOW

It is “picture + background music” playing function. Pictures and background music files should be saved in root directory of flash card. If the first file is picture in filename sequencing, access “picture + background music” playing directly. If the first file is music in filename sequencing, access music playing first, then access to “picture + background music” playing.

3.4 CLOCK SET

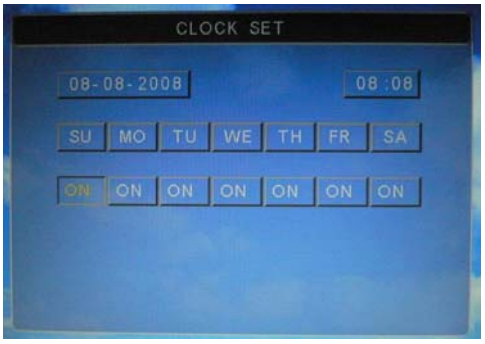
3.4.1 Clock setup

Push ↓ button to choose CLOCK SET in TIME SETUP menu, push Enter button to access CLOCK SET interface. Push → or ← button to move month, day and year, input 0—9 to change month, day and year, push Enter button to save change and move to clock setup. Push → or ← button to move and input 0—9 to change clock, then push Enter button to finish setup.

3.4.2 Timer setup

Support 6 ON/OFF timers every day.

3.4.2.1 Day ON/OFF setup

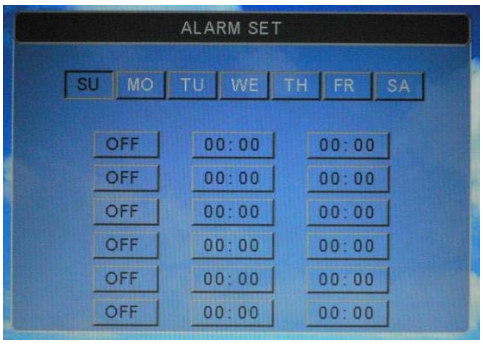


After clock setup, access week setup interface automatically. Push → or ← button to move and push ↑, ↓ button to change day ON/OFF of every week. If set ON, the player will be power on in the day every week. If set OFF, the player will be power off in the day every week. It is a main OF/OFF to change day ON/OFF working status.

3.4.2.2 Setup of 6 ON/OFF timers

After day ON/OFF setup, Push ↑ button move to day button, push Enter button to access interface of 6 ON/OFF timers.

The first row is ON/OFF timer status, the second row is ON time, the third row is OFF time.



Push ↑, ↓, ←, → button to move, push Enter button to change ON/OFF status and time, input 0—9 to change time and push Setup to finish setup.

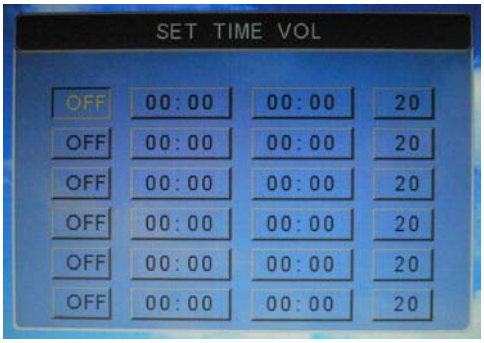
After setup of ON/OFF timers, move to day button and push Setup button to return to CLOCK SET menu, then push Setup button to exit CLOCK SET.

Remark:

A. If setup time is not in 6 set of power-ON time interval or if power on time is not in 6 set of power-ON time interval, the player will be power off 1 minute later, then power on automatically in next ON time.

B. ON time must be earlier than OFF time. The longest timer interval is 00:01 – 23:59. One set of ON/OFF timer interval must be in same day.

3.5 TIME VOL



Access TIME VOL interface, there are 4 rows. the first row is ON/OFF status, the second row is ON time, the third row is OFF time, The four row is volume. The default volume is 20, the volume can be changed in 0—32 range.

Push ↑, ↓, ←, → button to move, push Enter button to change ON/OFF status, time and volume, input 0—9 to change time and volume, push Setup button to save setup.

Push Setup button to exit SET TIME VOL after setup.

3.6 ROLL SETUP

The scrolling subtitle is txt file, can be created by computer Notepad and named SCROLL.txt. The content is 2000 bytes in maximum. Copy SCROLL.txt to CF/SD/U disk, access ROLL SETUP and set ON. The subtitle will be showed in playing.

3.7 FREQUENCY and PLAY TIME

3.7.1 Interrupt memory function: Playing will start from breakup position once power on again. RESUME PLAY of CUSTOM SETUP should be set ON first. The memory frequency can be selected from 10 S, 20 S, 30 S and 40 S, the default memory frequency is 30 second.

3.7.2 Advertisement insertion function: The advertisement files will be inserted in movie playing. The interval time can be selected from 5 MIN, 10 MIN, 15 MIN and MIN. The default setting of PLAY TIME is

10 MIN. Access GENERAL SETUP first and select FOLDER of REPEAT MODE, Create folder in flash card and named CADxx(such as, CAD01, CAD02 … CAD10), copy insertion files to these folders. The insertion files of CADxx folder will be inserted in playing of root files one folder by one folder.

3.8 SCR ROTATE

The system OSD can be switched to portrait display mode. Access CUSTOM SETUP and move to SCR ROTATE, select ROT +90 or ROT -90 to switch portrait display mode. Menu and subtitle will be changed to portrait display mode. Users have to arrange portrait video/photo files if using SCR ROTATE function.

3.9 RECORD FILE

The record file will be created automatically in playing, named log.txt in CF/SD/U-disk. There is exact playing time of each file in log.txt, so it will make management easier.

3.10 BRAND SHOW

The filename of brand must be named to TAIBIAO.LOG, the size must be100 x 32 pixels. The brand must be in 256 color, index mode, BMP format, and must use ESS256_FULL.act as palette.

Brand making: Open picture in Photoshop, change size to 100 x 32 pixels, access Image – Mode – Index color – Actions palette – Custom – Load – ESS256_FULL.act, then save file to BMP format, change filename to TAIBIAO.LOG.

The default brand position is top left, can be changed to top right position in BRAND POS.

3.11 CF KEY

Support CF key, ON/OFF is optional status. Default setting is OFF. In ON mode, user has to input password to play new content after update. The default password is 123456789.

3.12 REMOTE LOCK

Support remote lock, ON/OFF is optional status. Default setting is OFF. In ON mode, the player can be controlled freely within 2 minutes, user has to input 6 bit password to control player 2 minutes later. The default password is 666666, which can be changed to other password.

3.13 USB MODE

There are AUTO, HOST and SLAVE modes. The default setting is AUTO mode.

HOST is host mode, support U-disk playing (plug and play) and U-disk update. SLAVE is slave mode, can be connected with computer directly, like card reader, update content of CF/SD card from computer.

3.14 U-disk copy

Create nonblank COPY.txt in computer, copy it to U-disk with new media files. Push ■ key of remote control to stop playing, and then put in U-disk. CF card or SD card will be formatted automatically, and then new media files will be copied to CF card or SD card automatically. Put out U-disk after copy and restart.

REMOTE CONTROL

Below is button definition:

1) Power: Power switch.

2) File: Push File button to check file properties in stop status, can delete and rename file.

3) Disp: In stop status, push Disp button to check playing time and remaining time, and can close display.

4) Mode: Options of repeat one, repeat folder, repeat all and cancel repeat.

5) ⏯: Options of pause and play.

6) ■: Stop playing and go to filelist.

7) ◀◀: Fast Rewind in 2x, 4x, 6x or 8x.

▶▶: Fast forward in 2x, 4x, 6x or 8x.

8) Setup: In stop status, push Setup button to go to SETUP MENU.

9) Return: In stop status, push Return button to switch flash memory If CF card, SD card and U-disk are all or any two put in player.

10) Zoom: Zoom in/out picture.

11) Direction Buttons: ↑up, ↓ down, ← left, → right.

12) Volume buttons: V-/reduce volume, V+/add volume.

13) CH+: previous file CH-: next file

14) Enter: Enter button.

15) Video: Video switching button, put this button to switch VGA (480P) +CVBS (480I), SVGA (720P) and YPbPr(720P) signals.

16) Menu: Brightness, contrast, color and tone adjustment.

17) Time: Shortcut button of CLOCK SET. In stop status, push Time button to access CLOCK SET interface directly.

18) Audio: Audio channels switching button.

19) Mute: mute.

20) 0 –9: number buttons, which are used for timer, clock input and shortcut button of playing files.